DAMP WALLS.—NEW PATENT PAINT, used at the TOWER, by order of HER MAJESTY'S HONOURABLE BOARD of ORDNANCE; at the PUBLIC ZOOLOGICAL GARDENS, Regent's-park, and various other public and private buildings; in quantities to finish twenty square yards for 20s.

PATENT LIQUID CEMENT for the fronts of houses, for beauty pre-eminent, giving the appearance of fine cut stone, and only one-fourth the cost of Oil Paint. In casks of 1, 2, and 5 cwt. at 8d. per lb., and 5s. each.

PATENT MINERAL ZINC PAINTS, invaluable for cheapness, beauty, and permanence, ready for use. White Stone and Lead, Brown and Green in one gallon.

BLACK MINERAL PAINT, very permanent, half the usual price; only 3s. per gallon.

NEW PATENT COLOUR for inside work, may be applied on Wood, Stucco, Cement, or over Oil Paint. No smell, and will dry in an hour. In casks of 1 cwt. at 14s.

G. BELL and CO. Steam Mills, 2, Wellington-street, Gosswell-street, London.

HUBBUCK'S PATENT WHITE ZINC PAINT.—The PERMANENT WHITE of the Academy, by the gentlemen hitherto employed to use of the artist, is now offered as the guinea of the ordinary white lead.

Four years since the proprietors placed their manufactory on a large scale, and put this cheapest Paint in competition with White Lead.

Its confessed superiority over every other paint hitherto known brought forward various fabrications.

These inferior productions, frequently made from zinc ores, containing lead, arsenic, and other deleterious material, alike injurious to health, deficient in body, and reducing the proper relative proportion for which the original paint stands pre-eminent.

In justice to the proprietors these should not be confounded with the original, even though sold under the pretence that it is all the same.

Hubbuck's paint is entirely free from any injurious properties whatever; it is healthful in the manufacture, healthful in use, and healthful to occupants of roomsrecently painted with it.

Any enquiry to the painter against the substitution of the inferior article, such shall be detected.

"HUBBUCK, LONDON, PATENT"

and if the mark has not been so marked, the reason is obvious.

The purest White Zinc also may be had for grinding in oil; also dry ones for porcelain enamel, for japanners, for garden gondolas, and for plaster decorations, and the other purposes where it is used with zinc, resin, varnish, merit &c. &c.

A circular with full particulars may be had of THOMAS HUBBUCK and SON, Colour Manufacturers, opposite the London Docks.

PURE PATENT WHITE ZINC PAINT, from the WIEILLE MONTAGNE ZINC MINING COMPANY of BELGIUM.—This PAINT is superior in every respect to white lead; it is unequalled in whiteness, and grows very hard after it is applied, and is, therefore, for interior work, unexceptable of a high polish. The paint it is entirely free from all poisonous influences, is unaffected by sea water, sulphuretted hydrogen, or any gases, and preserves its original colour, and never chills.

WHITE ZINC PAINT, among some of the ravages to variously committed by white lead upon the human frame; neither painters' colics, nor paralysis, &c. to which dangerous complaints the workmen and manufacturers who use it are subject, and to which persons who inhabit newly painted apartments are also liable. Since its introduction into the United Kingdom by the patentees, the Admiralty and many of the most eminent firms have given it their preference over any other paint. The public is cautioned that if white zinc paint is substituted, it becomes a very inferior paint, instead of a first-rate one, and peels or washes off on outside work.

The VIEILLE MONTAGNE ZINC COMPANY imports largely from its works in Belgium WHITE OXIDE of ZINC in a dry state, and the casks bearing their mark, VM, are only to be considered as genuine, and may be obtained, for grinding in oil, at any of the Agents, residing in the following towns, viz.: London, Liverpool, Birmingham, Hull, Newcastle, Leith, Glasgow, Bristol, Plymouth, Norwich, Ipswich, Dublin, Cork, Belfast, and Jersey.

The same oxides ground "pure" to a White Zinc Paint, may be also obtained from the Company's Agents of the above-mentioned localities, as likewise from their Grinding Agents, Messrs. C. DEVAUX and Co., 42, King William-street, City, London, and Messrs. ROBT. ANDERSON and Co., Timber Bush, Leith, Scotland. Pure White Zinc Paint may likewise be purchased from Messrs. BLUNDEL SPENCE and Co. Hull.

For further particulars apply to Mr. M. V. SCHMOLL, General Agent for the United Kingdom, at the Company's offices, 13, Manchester-buildings, Westminster-bridge, London.

THE WASHINGTON CHEMICAL COMPANY, NEWCASTLE-ON-TYNE,

Manufacturers of

PATTINSON'S OXICHLORIDE of LEAD.—The Washington Chemical Company having, during the last four years established a Manufactory of Pattinson's Oxichloride of Lead on a large scale, and having thus to supply it with regularity, and to a moderate price, they now beg to present it to the notice and valuable preservation of Lead, behalf their friends and the public, confidence that it will rank in the present age, be considered because it is new, and that if judged by its merits, it must make its way, and finally take its place as one of the important manufactures of this country.

Pattinson's Oxichloride of Lead is a chemical combination of the equivalent of Chloride of Lead, and one equivalent of Oxide of Lead; it being well known that common White Lead is a chemical combination of one equivalent of Oxide of Lead, and one equivalent for the combination of Carbonic Acid, constituting what is called in chemical language, Carbonate of Lead. Now there is no reason to conclude that Carbonate of Lead, in the state it is usually made, is suitable as a paint, and still less than it should be the best compound of lead for that purpose. In point of fact it is not so, for the newly-discovered chloride is in most, if not in all respects, far superior; its colour is brilliantly white, and in a number of cases it has been tried against the best White Lead that could be obtained, and after a period of upwards of two years it has been found to retain its white colour, considerably better than the best against which it was tried.

But the chief and by far the most important attendant it possesses is, its remarkable and very decided supremacy of body; by which terms the powers of covering surface well and economically is understood among Painters. The attention of the Company was at a very early period drawn to this circumstance, and since that time the Washington Chemical Company have had abundant opportunities of placing its superiority in this important particular beyond all doubt. They have themselves performed a number of experiments, and have also caused a number of experiments to be performed in the large way, by various practical men, to ascertain how nearly its covering power as compared with the best White Lead, and they have made the proportion to be as 6 to 10, that is, 6 lbs. of Oxichloride paint will cover as much surface as 10 lbs. of the best White Lead, the saving of cost being in this same proportion; besides this, the coating is thicker and more protective, both in and out of doors, as the Oxichloride dries into a hard, tenacious layer, more like an Enamel than paint.

In using the Oxichloride, no difference in the materials with which it is mixed is required. Oil and Turpentine being employed, as usual both for work technically called Flatting, and for work polished to be varnished. For the use of Paper Stainers and Leather Dressers, the new chloride is found to be peculiarly suitable. The Washington Chemical Company afterwards discovered this newly discovered substance to the notice of manufacturers, both on account of its economy, and its intrinsic good qualities as a paint.

AGENTS.

LONDON	Messrs. Bicknell, Spencer and Co. 9, Upper Thames-st. Mr. Robt. Cooke, 7, Pall-lane.
LIVERPOOL	Messrs. Johnson and Matheson.
MANCHESTER	Mr. James Dowton.
HULL	Messrs. T. and E. G. Jepson.
SUNDERLAND	Mr. John Yeoard.
STOCKTON AND CORSEWALL	Mr. Robt. Pearson, Tarnbeck and Plymouth.
DISBROUGH AND EAST COAST OF SCOTLAND	Mr. Wm. Bailey, jun. Greenside-place, Edinburgh.
LARGOW AND WEST COAST OF SCOTLAND	Mr. John Stirnbaur, Glasgow.
DUBLIN AND SOUTH OF IRELAND	Mr. P. Lindsay, 31, Middle Abbey-street, Dublin.
ELSEWHERE	Messrs. Williams, Shrewsbury, Jones and Co.

IMPROVED WHITE or OXIDE of ZINC for PAINT, &c. under H. M. Royal Letters Patent.

LANGSTON, SCOTT, and WHITE,

SOLE MANUFACTURERS IN THE UNITED KINGDOM.

Grand Surrey Canal Docks, Rotherhithe, London.

Messrs. L. S. and W. have succeeded in removing the practical objections to its use, viz. want of body. They are the only makers of efficient ZINC DRIERS: without them outside work, four-clothing &c. fails.

(Wholesale only.)

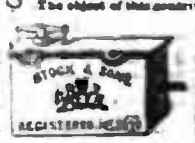
Price under that of genuine white lead.

GAS CHANDELIERS, HALL LANTERNS, &c.—To Gas-fitters, Ironmongers, and the Trade generally.—The most complete assortment in London of every description of Gas-fittings, suitable for drawing and dining rooms, libraries, halls, &c. Every article manufactured on the premises, and marked with the wholesale price. Dr. Arnott's improved Ventilators, Patent Gas Burners, &c. at D. HULETT and CO'S, 45 and 46, LONG LANE.—N.B. Large pattern book of engravings, with price lists, 10s.; small ditto, 2s. D. Hulett's improved Bronze Chandeliers.

ARTESIAN WELLS, Boring for Water, Sinking Shafts, &c.—The Nobility, Gentry, Water Companies, Towns, Parishes, Unions, Public Bodies, Brewers, Distillers, Paper-makers, Manufacturers, and others, may be SUPPLIED with any quantity by DAVID GREENSLEY, Civil Engineer, and patentee of Boring Tools, 16, Cumming-street, Pentonville, London, who, having had upwards of twenty years experience, is enabled to give the most satisfactory and speedy performance. Pumps and machinery of every description for raising water from deep wells, boring tools with suitable pipes, for superstitions, with instructions. Men and tools supplied to bore for railroads, or minerals, &c.

TARPAULINS FOR COVERING ROOFS during Repairs; SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Manufactured and immediately delivered on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 114, Fore-street, City, Manufacturer, by appointment, to her Majesty's Honourable Board of Ordnance.

STOCK & SON'S SOIL-PAN SERVICE-BOX.



The object of this contrivance is to facilitate the introduction of sanitary improvements into the dwellings of the working classes by the adoption of such an arrangement of cheap soil-pan apparatus as will enable the "constant supply system" of water service to be made available for the removal of the refuse, by preventing the unnecessary waste of water in places of this description, to which water companies now so strongly and so properly object. By the use of this service-box an ample supply of water is obtained, without the possibility of its being wasted by persons &c. by stopping the valve, weighting the handle, or by other means. It is so constructed that as long as the discharge-valve may also open, a further supply cannot enter the receiving from the main.—Drawings and description may be obtained from STOCK and SON, Manufacturers of Plumbers' Brass-work, Sanitary Utensils, &c., 17, Seven-dials Yard, Five Fields, Pimlico, and Chapel Furniture in iron and brass, Temple-street, Birmingham.

PRIZE MEDAL, Class 10.

HIGH-PRESSURE VALVE COCKS.—LAMBERT'S PATENT.

These Cocks have, during the last five years, been extensively and most successfully used in many Towns under continuous high pressure, varying from 100 to 350 feet; their efficiency and durability is by experience established.

The Equilibrium Ball-valve is simple and certain in its action, and is cheaper than the common Cocks now in use.

Enamelled iron, self-acting, and other closets, upon economic arrangements, suitable for public buildings, cottages, asylums, &c.

THOMAS LAMBERT and SON,

Brass and Iron Founders, Wharf-street, Westcott Lambeth.

TO WATER COMPANIES AND PLUMBERS.

HIGH-PRESSURE COCKS and CLOSETS.

The Health of Towns Commissioners having recommended the adoption of the highest pressure possible in all towns, WARNER'S HIGH-PRESSURE COCK is recommended as a Cock free from collapse, and applicable for all purposes and situations. Patent Closets and Basins with supply-valve for attaching direct to main pipes without a cistern, chain, or wire.

LEAD IRON, and TIN PIPE

JOHN WARNER and SONS, Manufacturers, 8, Crescent, Jewin-street, London.

REDUCTION of PRICE in UNGLAZED DRAIN PIPES.

Manufactured by CHAR. FRANCIS and SONS, WIND MILLS.

The price in future will be:

6s. 9d.	per foot for the 3 inch bore.		
9s. 3d.	"	4	"
9s. 4d.	"	6	"
9s. 6d.	"	9	"
1s. 3d.	"	12	"
2s. 6d.	"	15	"

These pipes are made under steam pressure, and burnt to great hardness, and are capable of resisting nearly double the ordinary pressure of ordinary glazed pipes. The only objection against red ware is overcome by this manufactory. And it is well known that good earthenware, UNGLAZED, is the oldest material discovered in a perfect state in Rome, Babylon, Nineveh, &c. &c.

Arundel-wharf, Northampton-street, N. 1. BUILDER, American Wharf.

PRIZE MEDAL WATER-CLOSETS.

PATENT FIRE-COCKS.

PATENT HIGH PRESSURE BIB, STOP, AND BALL COCKS.

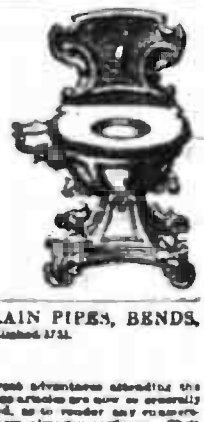
Kirkwood's Registered Tubular Water-Closet.
Self-acting and Cottage Water-Closets.
Bateman and Moore's and Chirmer's Patent Hydrants.
Chirmer's Patent High Pressure Single and Double
LOOSE VALVE-COCKS.
GUTTA PERCHA TUBING, CISTERN LINING, and other leading articles for
DRAINAGE, SEWAGE, AND WATERWORKS PURPOSES.

May be seen (the Closets and Cocks in fixed ready for use) on application to

THOMAS BROOK, 27, SOUTHAMPTON-STREET, STRAND, LONDON, late of 13, Fleet-street; or
GUEST and CHIMMENS, BRASS WORKS, ROTHERHAM.

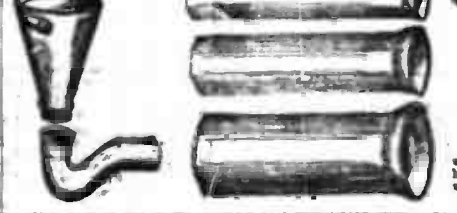
Drawings, Descriptions and Testimonials will be forwarded, per post, on application as above.

From fifty to sixty of the Closets, and forty of the Patent Fire-Cocks were fixed for use in the Crystal Palace.



JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES, BENDS, JUNCTIONS, TRAPS, &c. 2, HIGH STREET, LAMBETH, LONDON. Established 1731.

Water Closet Pans, with Syphon Traps, fixed complete.
STRAIGHT TUBES, in Socket Joints, in 2 feet long tubes.



N.B. These are made without the diaphragm, the socket being turned downwards.

The great advantages attending the use of these articles are now so generally understood as to render any enumeration of them almost unnecessary. Their cheapness, efficiency, and durability are universally admitted, while the rapidly increasing demand for them proves most estimated superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various situations for which they may be required; as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glass, far surpassing any other manufactured of Brown Stone Ware.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's-acre, Westminster-bridge; Cityroad Wharf, City Basin, Duck-head, Bermondsey; Denver's Wharf, East of Battersea-bridge, Chelsea; Priest Wharf, Kingsland, Camden New Town; J. TURNER, 3 Sussex Wharf, Pratt-street, Paddington; and at GRAVELL, Brothers, 21, Bury-street, Covent Garden.

Drawings and lists of Prices will be forwarded free, on application.

THE FARNLEY IRON COMPANY, WORTLEY, near LEEDS.

Manufacturers of FIRE BRICKS, TILES, QUARRIES, &c., White Building Bricks, Fire-clay CHIMNEY-TOPS, in Normand, Egyptian, Saxon, Tudor, Grecian, Gothic, and Elizabethan styles.

TERRA COTTA

Fountains, Vases, Pedestals, Capitals, Trusses, Brackets, &c., in great variety, which for beauty and elegance of design are unequalled. The designs of Architects modelled with the greatest exactness.

Also of

PATENT GLAZED STONEWARE DRAIN PIPES, JUNCTIONS, BENDS, &c. well adapted for pressure, being made extra strong under "Spencer's Patent," superior White Glazed CLOSET PANS, TRAPS, &c.

The Works of the Company are situated in the immediate vicinity of the well-known bed of WORTLEY FIRE CLAY, and their manufactures of BRICKS, for the use of Forges Gas Companies, Foundries, Potteries and Glassworks, is confidently recommended for all purposes where extreme heat is required. Their GROUND CLAY is also particularly adapted for the manufacture of CRUCIBLES, MELTING POTS, &c.

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BIRMINGHAM	No. 7, Ease-row; also King Alfred-street, and Jennings Hinge-hall, and Lower-priory-street.
BRISTOL	No. 16, Nelson-street.
LIVERPOOL	No. 8, Bunnell-street, and Shipping wharf, Leeds-street.
MANCHESTER	No. 61, Travis-street, and 63, 64, and 65, Dutton-street, Lower Mosley-street.
HULL	No. 8, Humber-street, and Wellington-street.
BRADFORD	Hamilton-lane, Manchester-road.
LEEDS	Wellington-street, adjoining the Midland Railway; and Shipping wharf, Yorkshire-wharf, Hunslet.

Where Drawings, with Prices, &c. may be obtained.

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